



Why Didn't Krok Like to Go Sailing With the Baseball Uniform Designer?



Simplify each expression below and find your answer in the corresponding answer column. Write the letter of the exercise in the box that contains the number of the answer.

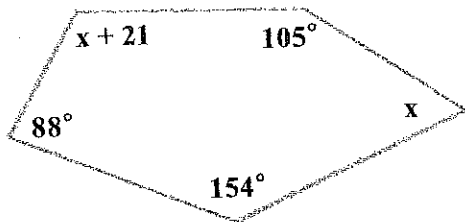
- L $\sqrt{8}$
 I $\sqrt{45}$
 A $\sqrt{50}$
 T $\sqrt{12}$
 O $\sqrt{98}$
 S $\sqrt{48}$
 E $\sqrt{125}$
 A $\sqrt{20}$
 S $\sqrt{72}$
 Y $\sqrt{63} = \sqrt{9 \cdot 7} = 3\sqrt{7}$
 E $\sqrt{144}$
 W $\sqrt{32}$
 D $\sqrt{75}$
 A $\sqrt{200}$

- S $5\sqrt{18}$
 U $3\sqrt{28}$
 A $2\sqrt{1000}$
 P $\sqrt{1,000,000}$
 E $3\sqrt{128}$
 K $8\sqrt{27}$
 L $4\sqrt{80}$
 H $-3\sqrt{54}$
 A $-7\sqrt{40}$
 B $-8\sqrt{121}$
 S $2\sqrt{500} \quad 2\sqrt{5 \cdot 100} = 2 \cdot 10\sqrt{5} = 20\sqrt{5}$
 T $-4\sqrt{24}$
 Z $3\sqrt{175}$
 C $5\sqrt{108}$

Do not worry about the puzzle.

Name the polygon that has the following condition.

1. Interior angle = 108° _____
2. Exterior angle = 40° _____
3. Interior angle = 120° _____
4. Exterior angle = 30° _____
5. Draw a concave pentagon.
6. Write the definition of a regular polygon: _____

7. What is the sum of the measures of the interior angles of an octagon? _____
8. What is the measure of each exterior angle of a regular hexagon? _____
9. What is the measure of each interior angle of a regular decagon? _____
10. What is the sum of the measures of the exterior angles of a heptagon? _____
11. Find "x"

12. How many sides does a regular polygon have if each of its exterior angles measure 45° ? _____
13. The home plate in baseball which is a pentagon has three right angles. The other two angles are equal. Find the measure of each of the missing angles. _____
14. The measure of one interior angle of a regular polygon is two times the measure of one of its exterior angles. How many sides does this polygon have? _____